

10/725,629

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 4 OCT 03 MATHDI removed from STN
NEWS 5 OCT 04 CA/Caplus-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of Caplus documents for use in third-party analysis and
visualization tools
NEWS 8 OCT 27 Free KWIC format extended in full-text databases
NEWS 9 OCT 27 DIOGENES content streamlined
NEWS 10 OCT 27 EPFULL enhanced with additional content
NEWS 11 NOV 14 CA/Caplus - Expanded coverage of German academic research
NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
spectral property data
NEWS 13 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 14 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 15 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 16 DEC 14 CA/Caplus to be enhanced with updated IPC codes
NEWS 17 DEC 16 MARPATprev will be removed from STN on December 31, 2005

NEWS EXPRESS DECEMBER 02 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 02 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:25:19 ON 19 DEC 2005

10/725,629

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:25:24 ON 19 DEC 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 18 DEC 2005 HIGHEST RN 870123-57-2

DICTIONARY FILE UPDATES: 18 DEC 2005 HIGHEST RN 870123-57-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

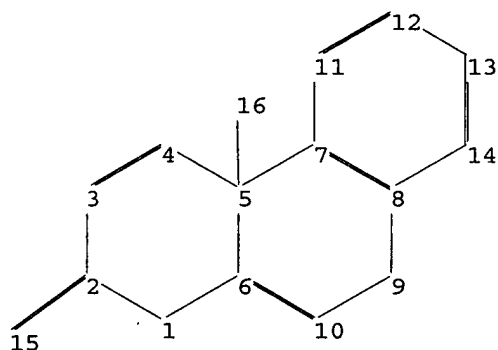
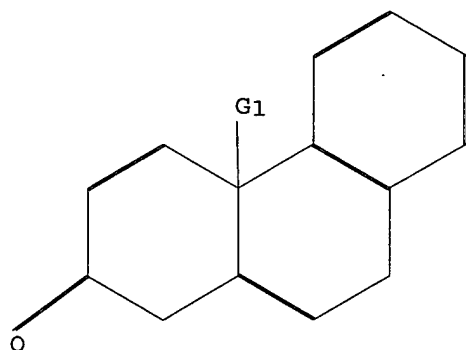
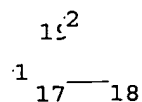
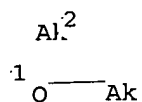
REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10725629.str

10/725,629



chain nodes :
15 16 17 18 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
2-15 5-16 17-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14
exact/norm bonds :
1-2 2-3 2-15 3-4 4-5 5-6 5-7 5-16 6-10 8-9 9-10 17-18
exact bonds :
1-6
normalized bonds :
7-8 7-11 8-14 11-12 12-13 13-14

G1:H, [*1], [*2]

Connectivity :

18:1 E exact RC ring/chain 19:1 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS

19:CLASS

Element Count :

Node 18: Limited

C,C1-11

Node 19: Limited

C,C1-11

L1 STRUCTURE UPLOADED

=> d 11

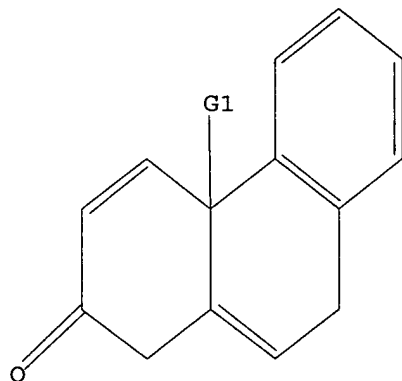
L1 HAS NO ANSWERS

10/725,629

L1 STR

Ak²

¹
O—Ak



G1 H, [01], [02]

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 16:25:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 47715 TO ITERATE

4.2% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 941268 TO 967332
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss ful

FULL SEARCH INITIATED 16:26:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 960829 TO ITERATE

100.0% PROCESSED 960829 ITERATIONS
SEARCH TIME: 00.00.09

41 ANSWERS

L3 41 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

161.76

161.97

FILE 'CAPLUS' ENTERED AT 16:26:18 ON 19 DEC 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

10/725,629

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 19 Dec 2005 VOL 143 ISS 26
FILE LAST UPDATED: 18 Dec 2005 (20051218/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l3

L4 8 L3

=> d l4 1-8 bib hitstr

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:122799 CAPLUS

DN 142:219436

TI Isolation and preparation of diterpenoid compounds, compositions thereof and their use as anticancer or antifungal agents

IN Lavallee, Jean-Francois; Doyle, Terrence W.; Rioux, Elise; Belec, Laurent; Rabouin, Daniel; Billot, Xavier

PA Gemin X Biotechnologies Inc., Can.

SO U.S. Pat. Appl. Publ., 109 pp., Cont.-in-part of U.S. Ser. No. 725,629.
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|----------|-----------------|----------|
| PI | US 2005032802 | A1 | 20050210 | US 2004-865262 | 20040610 |
| | US 2005070540 | A1 | 20050331 | US 2003-725629 | 20031201 |
| PRAI | US 2002-431096P | P | 20021205 | | |
| | US 2003-725629 | A2 | 20031201 | | |

OS MARPAT 142:219436

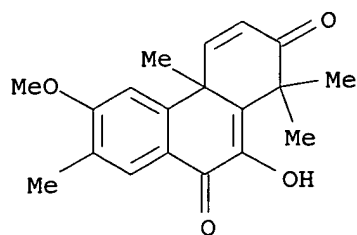
IT **709667-18-5P 709667-19-6P**

RL: NPO (Natural product occurrence); PAC (Pharmacological activity); PRP (Properties); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
(isolation and preparation of diterpenoid compds., compns. thereof and their use as anticancer or antifungal agents)

RN 709667-18-5 CAPLUS

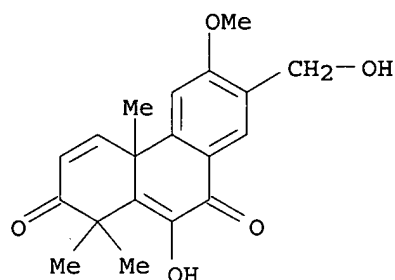
CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a,7-tetramethyl-(9CI) (CA INDEX NAME)

10/725,629



RN 709667-19-6 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-7-(hydroxymethyl)-6-methoxy-1,1,4a-trimethyl- (9CI) (CA INDEX NAME)



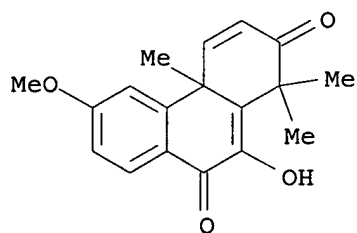
IT 709667-20-9P 841254-25-9P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(isolation and preparation of diterpenoid compds., compns. thereof and their use as anticancer or antifungal agents)

RN 709667-20-9 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a-trimethyl- (9CI) (CA INDEX NAME)

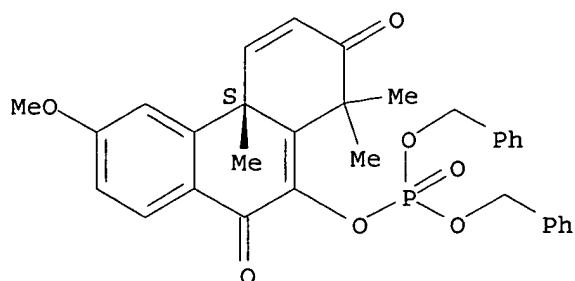


RN 841254-25-9 CAPLUS

CN Phosphoric acid, bis(phenylmethyl) (4bS)-4b,7,8,10-tetrahydro-3-methoxy-4b,8,8-trimethyl-7,10-dioxo-9-phenanthrenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/725,629



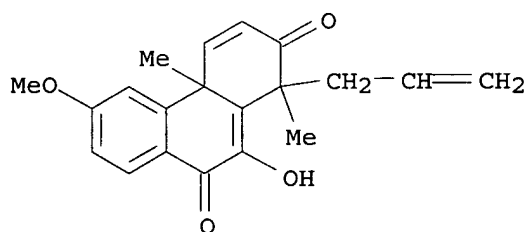
IT 709667-25-4P 709667-26-5P 709667-27-6P
841254-22-6P 841254-27-1P 841254-31-7P
841254-39-5P 841254-41-9P 841254-57-7P
841254-62-4P 841254-64-6P 841254-66-8P
841254-69-1P 841254-71-5P 841254-73-7P
841254-78-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(isolation and preparation of diterpenoid compds., compns. thereof and their use as anticancer or antifungal agents)

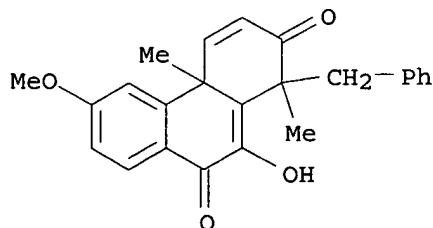
RN 709667-25-4 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,4a-dimethyl-1-(2-propenyl)- (9CI) (CA INDEX NAME)



RN 709667-26-5 CAPLUS

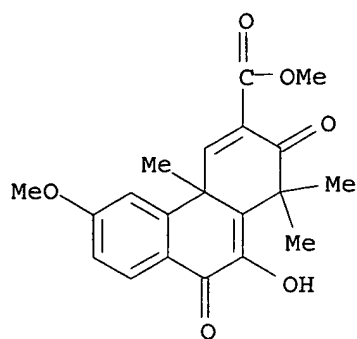
CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,4a-dimethyl-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 709667-27-6 CAPLUS

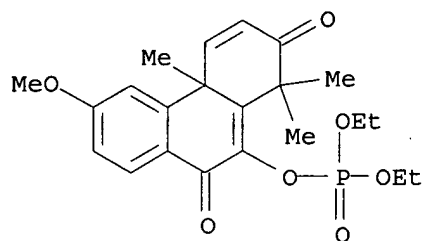
CN 3-Phenanthrenecarboxylic acid, 1,2,4a,9-tetrahydro-10-hydroxy-6-methoxy-1,1,4a-trimethyl-2,9-dioxo-, methyl ester (9CI) (CA INDEX NAME)

10/725,629



RN 841254-22-6 CAPLUS

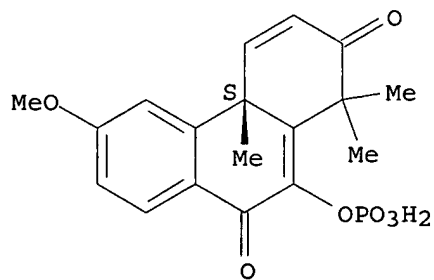
CN Phosphoric acid, diethyl 4b,7,8,10-tetrahydro-3-methoxy-4b,8,8-trimethyl-7,10-dioxo-9-phenanthrenyl ester (9CI) (CA INDEX NAME)



RN 841254-27-1 CAPLUS

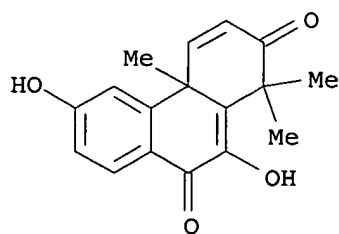
CN 2,9(1H,4aH)-Phenanthrenedione, 6-methoxy-1,1,4a-trimethyl-10-(phosphonooxy)-, (4aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 841254-31-7 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 6,10-dihydroxy-1,1,4a-trimethyl- (9CI) (CA INDEX NAME)

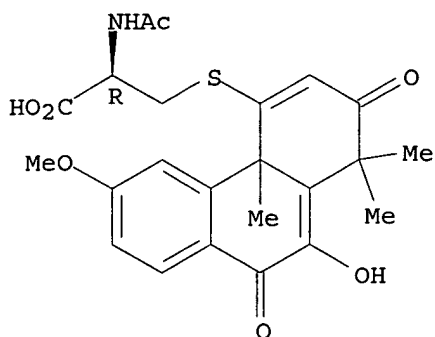


10/725,629

RN 841254-39-5 CAPLUS

CN L-Cysteine, N-acetyl-S- (1,2,4a,9-tetrahydro-10-hydroxy-6-methoxy-1,1,4a-trimethyl-2,9-dioxo-4-phenanthrenyl)- (9CI) (CA INDEX NAME)

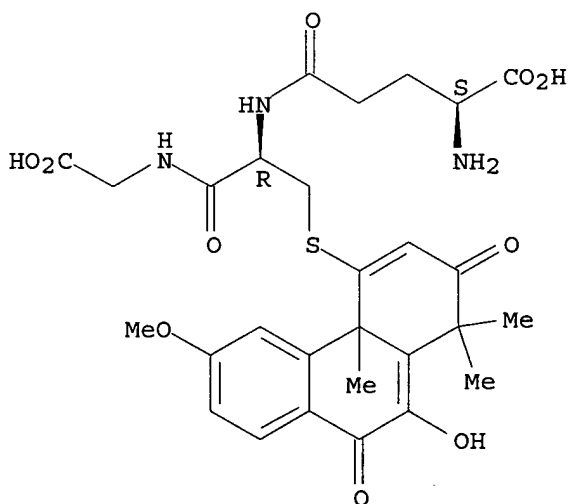
Absolute stereochemistry.



RN 841254-41-9 CAPLUS

CN Glycine, L-γ-glutamyl-S- (1,2,4a,9-tetrahydro-10-hydroxy-6-methoxy-1,1,4a-trimethyl-2,9-dioxo-4-phenanthrenyl)-L-cysteinyl- (9CI) (CA INDEX NAME)

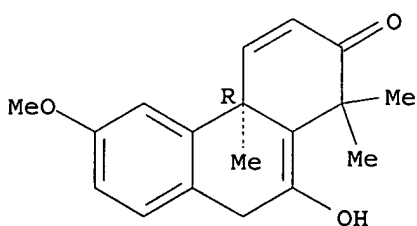
Absolute stereochemistry.



RN 841254-57-7 CAPLUS

CN 2(1H)-Phenanthrenone, 4a,9-dihydro-10-hydroxy-6-methoxy-1,1,4a-trimethyl-, (4aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

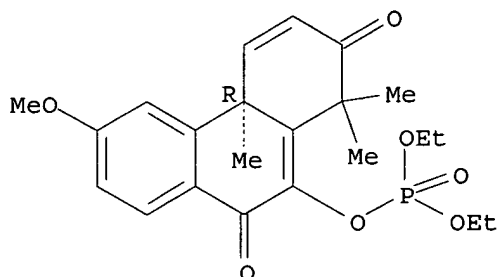


10/725,629

RN 841254-62-4 CAPLUS

CN Phosphoric acid, diethyl (4bR)-4b,7,8,10-tetrahydro-3-methoxy-4b,8,8-trimethyl-7,10-dioxo-9-phenanthrenyl ester (9CI) (CA INDEX NAME)

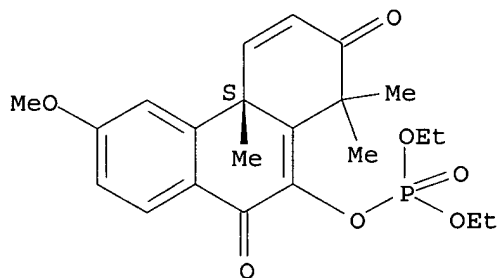
Absolute stereochemistry.



RN 841254-64-6 CAPLUS

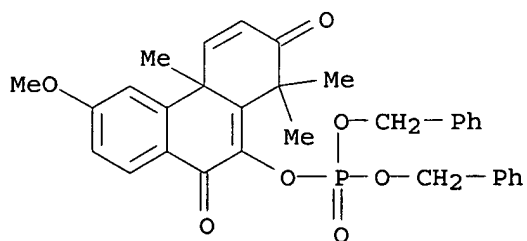
CN Phosphoric acid, diethyl (4bS)-4b,7,8,10-tetrahydro-3-methoxy-4b,8,8-trimethyl-7,10-dioxo-9-phenanthrenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 841254-66-8 CAPLUS

CN Phosphoric acid, bis(phenylmethyl) 4b,7,8,10-tetrahydro-3-methoxy-4b,8,8-trimethyl-7,10-dioxo-9-phenanthrenyl ester (9CI) (CA INDEX NAME)

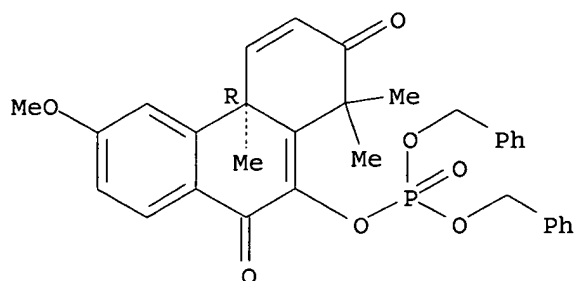


RN 841254-69-1 CAPLUS

CN Phosphoric acid, bis(phenylmethyl) (4bR)-4b,7,8,10-tetrahydro-3-methoxy-4b,8,8-trimethyl-7,10-dioxo-9-phenanthrenyl ester (9CI) (CA INDEX NAME)

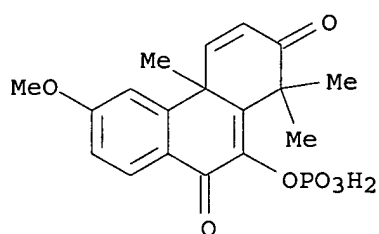
Absolute stereochemistry.

10/725,629



RN 841254-71-5 CAPLUS

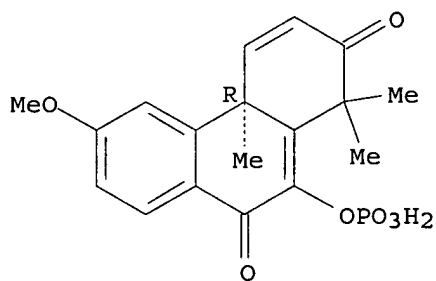
CN 2,9(1H,4aH)-Phenanthrenedione, 6-methoxy-1,1,4a-trimethyl-10-(phosphonoxy)- (9CI) (CA INDEX NAME)



RN 841254-73-7 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 6-methoxy-1,1,4a-trimethyl-10-(phosphonoxy)-, (4aR)- (9CI) (CA INDEX NAME)

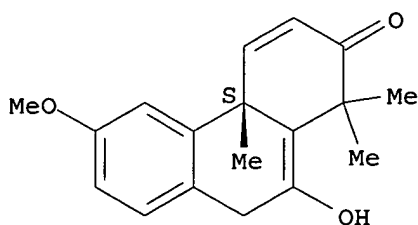
Absolute stereochemistry.



RN 841254-78-2 CAPLUS

CN 2(1H)-Phenanthrenone, 4a,9-dihydro-10-hydroxy-6-methoxy-1,1,4a-trimethyl-, (4aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 709667-24-3

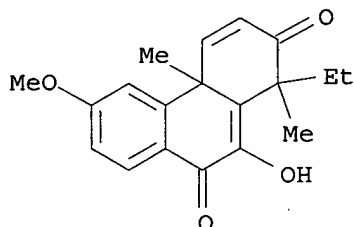
10/725,629

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)

(isolation and preparation of diterpenoid compds., compns. thereof and their
use as anticancer or antifungal agents)

RN 709667-24-3 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 1-ethyl-10-hydroxy-6-methoxy-1,4a-dimethyl-
(9CI) (CA INDEX NAME)



IT 709667-48-1P

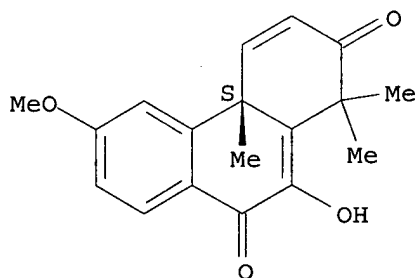
RL: SPN (Synthetic preparation); PREP (Preparation)

(isolation and preparation of diterpenoid compds., compns. thereof and their
use as anticancer or antifungal agents)

RN 709667-48-1 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a-trimethyl-,
(4aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:513479 CAPLUS

DN 141:71736

TI Isolation and preparation of diterpenoids, compositions thereof, and their
use as anticancer or antifungal agents

IN Beauparlant, Pierre; Attardo, Giorgio; Zhang, Zhiying; Stafford, Angela
M.; Ubillas, Rosa; Mcalpine, James B.

PA Gemin X Biotechnologies Inc., Can.; Galileo Pharmaceuticals, Inc.; Fortin,
Samuel; Tripathy, Sasmita

SO PCT Int. Appl., 185 pp.

CODEN: PIXXD2

DT Patent

LA English

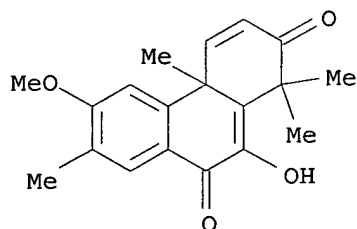
FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | WO 2004052282 | A2 | 20040624 | WO 2003-US38659 | 20031204 |
| | WO 2004052282 | A3 | 20041007 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, | | | | |

LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
 OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

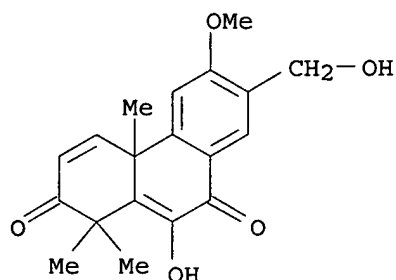
CA 2508002 AA 20040624 CA 2003-2508002 20031204
 EP 1578711 A2 20050928 EP 2003-812814 20031204
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 BR 2003017052 A 20051025 BR 2003-17052 20031204
 NO 2005002954 A 20050901 NO 2005-2954 20050616
 PRAI US 2002-431096P P 20021205
 WO 2003-US38659 W 20031204
 OS MARPAT 141:71736
 IT **709667-18-5P**
 RL: NPO (Natural product occurrence); PAC (Pharmacological activity); PRP
 (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL
 (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
 (isolation and preparation of diterpenoids, compns. thereof, and their use
 as anticancer or antifungal agents)

RN 709667-18-5 CAPLUS
 CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a,7-tetramethyl-
 (9CI) (CA INDEX NAME)



IT **709667-19-6P**
 RL: NPO (Natural product occurrence); PRP (Properties); SPN (Synthetic
 preparation); THU (Therapeutic use); BIOL (Biological study); OCCU
 (Occurrence); PREP (Preparation); USES (Uses)
 (isolation and preparation of diterpenoids, compns. thereof, and their use
 as anticancer or antifungal agents)

RN 709667-19-6 CAPLUS
 CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-7-(hydroxymethyl)-6-methoxy-
 1,1,4a-trimethyl- (9CI) (CA INDEX NAME)



IT **709667-32-3P 709667-33-4P 709667-46-9P**
709667-47-0P
 RL: PAC (Pharmacological activity); PUR (Purification or recovery); THU

10/725,629

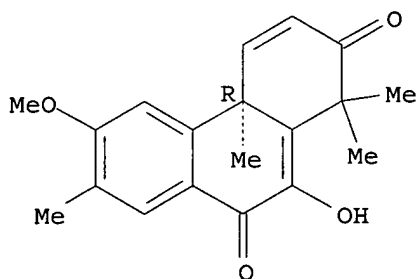
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(isolation and preparation of diterpenoids, compns. thereof, and their use
as anticancer or antifungal agents)

RN 709667-32-3 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a,7-tetramethyl-,
(4aR)- (9CI) (CA INDEX NAME)

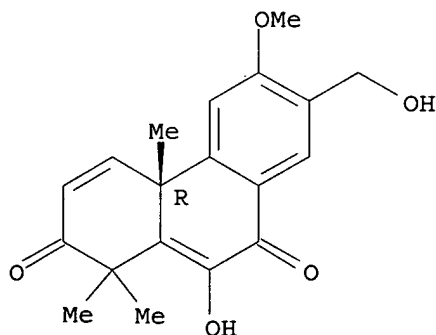
Absolute stereochemistry.



RN 709667-33-4 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-7-(hydroxymethyl)-6-methoxy-
1,1,4a-trimethyl-, (4aR)- (9CI) (CA INDEX NAME)

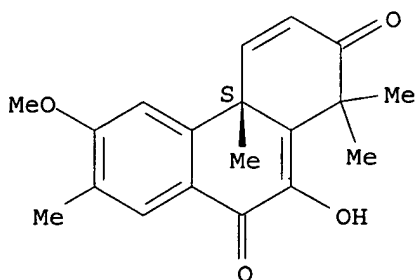
Absolute stereochemistry.



RN 709667-46-9 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a,7-tetramethyl-,
(4aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

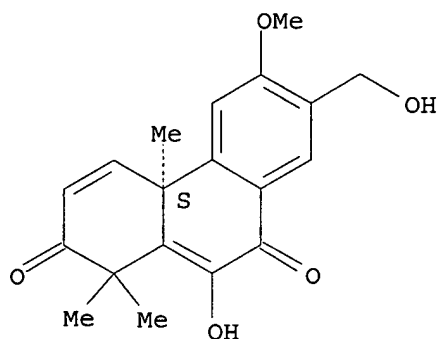


RN 709667-47-0 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-7-(hydroxymethyl)-6-methoxy-
1,1,4a-trimethyl-, (4aS)- (9CI) (CA INDEX NAME)

10/725,629

Absolute stereochemistry.



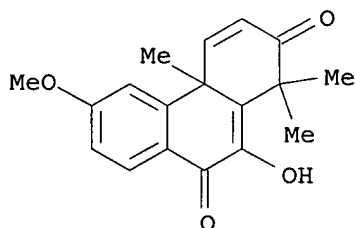
IT 709667-20-9P 709667-24-3P 709667-25-4P
709667-26-5P 709667-27-6P 709667-34-5P
709667-38-9P 709667-39-0P 709667-40-3P
709667-41-4P 709667-48-1P 709667-54-9P
709667-55-0P 709667-56-1P 709667-57-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(isolation and preparation of diterpenoids, compns. thereof, and their use
as anticancer or antifungal agents)

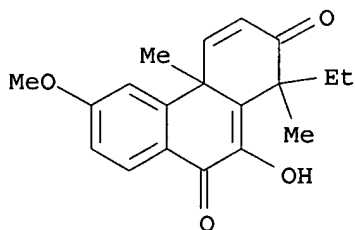
RN 709667-20-9 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a-trimethyl-
(9CI) (CA INDEX NAME)



RN 709667-24-3 CAPLUS

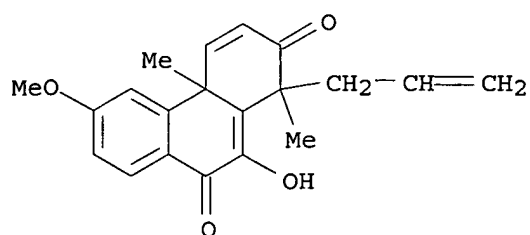
CN 2,9(1H,4aH)-Phenanthrenedione, 1-ethyl-10-hydroxy-6-methoxy-1,4a-dimethyl-
(9CI) (CA INDEX NAME)



RN 709667-25-4 CAPLUS

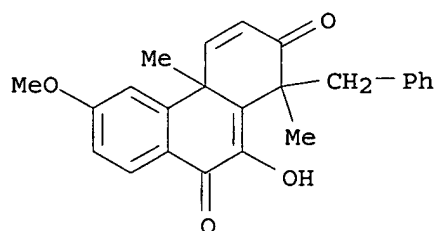
CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,4a-dimethyl-1-(2-
propenyl)- (9CI) (CA INDEX NAME)

10/725,629



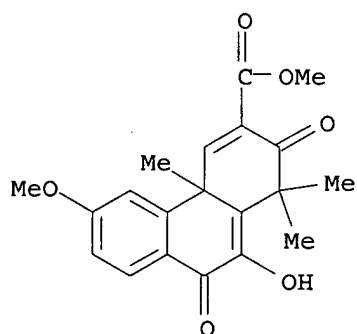
RN 709667-26-5 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,4a-dimethyl-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 709667-27-6 CAPLUS

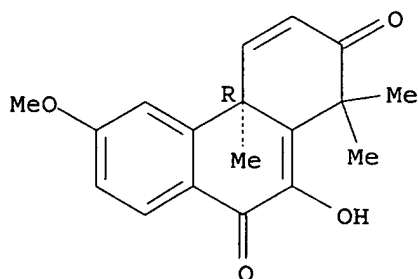
CN 3-Phenanthrenecarboxylic acid, 1,2,4a,9-tetrahydro-10-hydroxy-6-methoxy-1,1,4a-trimethyl-2,9-dioxo-, methyl ester (9CI) (CA INDEX NAME)



RN 709667-34-5 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a-trimethyl-, (4aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

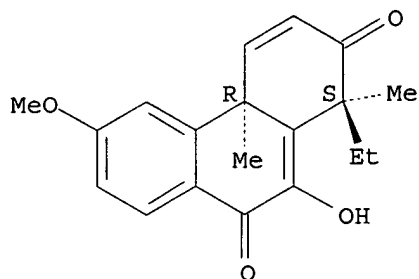


10/725,629

RN 709667-38-9 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 1-ethyl-10-hydroxy-6-methoxy-1,4a-dimethyl-, (1S,4aR)- (9CI) (CA INDEX NAME)

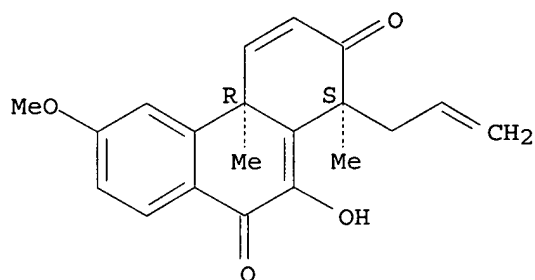
Absolute stereochemistry.



RN 709667-39-0 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,4a-dimethyl-1-(2-propenyl)-, (1S,4aR)- (9CI) (CA INDEX NAME)

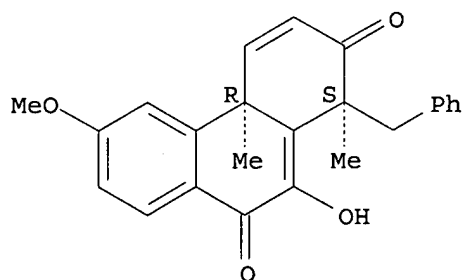
Absolute stereochemistry.



RN 709667-40-3 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,4a-dimethyl-1-(phenylmethyl)-, (1S,4aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

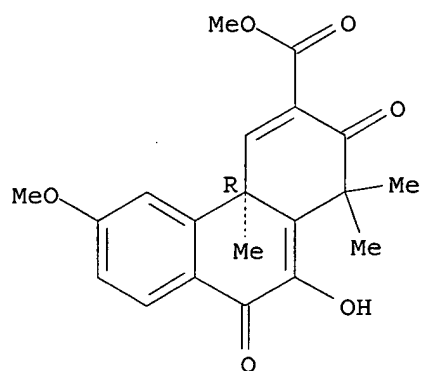


RN 709667-41-4 CAPLUS

CN 3-Phenanthrenecarboxylic acid, 1,2,4a,9-tetrahydro-10-hydroxy-6-methoxy-1,1,4a-trimethyl-2,9-dioxo-, methyl ester, (4aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

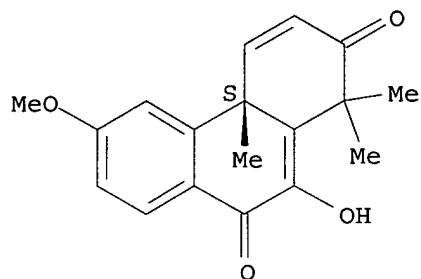
10/725,629



RN 709667-48-1 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,1,4a-trimethyl-, (4aS)- (9CI) (CA INDEX NAME)

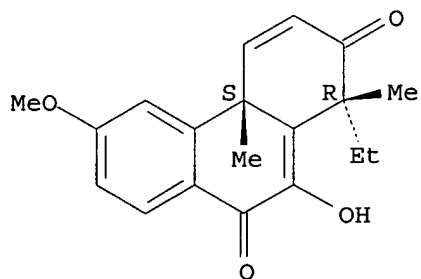
Absolute stereochemistry.



RN 709667-54-9 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 1-ethyl-10-hydroxy-6-methoxy-1,4a-dimethyl-, (1R,4aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

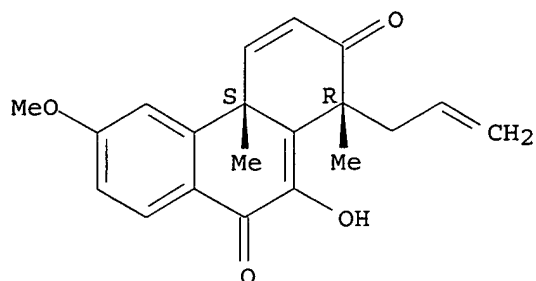


RN 709667-55-0 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,4a-dimethyl-1-(2-propenyl)-, (1R,4aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

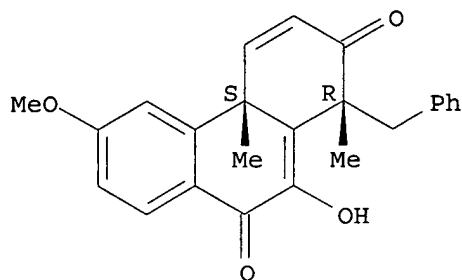
10/725,629



RN 709667-56-1 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 10-hydroxy-6-methoxy-1,4a-dimethyl-1-(phenylmethyl)-, (1R,4aS)- (9CI) (CA INDEX NAME)

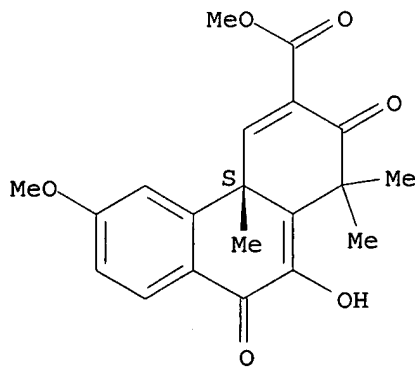
Absolute stereochemistry.



RN 709667-57-2 CAPLUS

CN 3-Phenanthrenecarboxylic acid, 1,2,4a,9-tetrahydro-10-hydroxy-6-methoxy-1,1,4a-trimethyl-2,9-dioxo-, methyl ester, (4aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:347775 CAPLUS

DN 135:119590

TI Chemical Constituents from *Drypetes littoralis*

AU Lin, Mei-Tsu; Chen, Lih-Chun; Chen, Chien-Kuang; Liu, Karin C. S. Chen; Lee, Shoen-Sheng

CS School of Pharmacy College of Medicine, National Taiwan University, Taipei, 100, Taiwan

SO Journal of Natural Products (2001), 64(6), 707-709

CODEN: JNPRDF; ISSN: 0163-3864

10/725,629

PB American Chemical Society

DT Journal

LA English

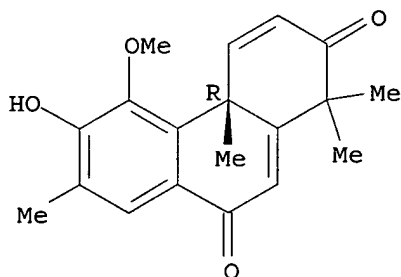
IT 350686-44-1P 350686-46-3P

RL: BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)
(diterpenes and xanthone derivative from *Drypetes littoralis*)

RN 350686-44-1 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 6-hydroxy-5-methoxy-1,1,4a,7-tetramethyl-, (4aR)- (9CI) (CA INDEX NAME)

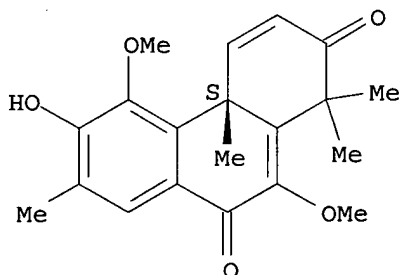
Absolute stereochemistry. Rotation (-).



RN 350686-46-3 CAPLUS

CN 2,9(1H,4aH)-Phenanthrenedione, 6-hydroxy-5,10-dimethoxy-1,1,4a,7-tetramethyl-, (4aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1985:592857 CAPLUS

DN 103:192857

TI Studies in terpenoid biosynthesis. Part 31. Some aspects of the chemistry and biosynthesis of the steroidal antibiotic, demethoxyviridin

AU Hanson, James R.; O'Leary, Margaret A.; Wadsworth, Harry J.; Yeoh, Boon Leng

CS Sch. Mol. Sci., Univ. Sussex, Brighton, BN1 9QJ, UK

SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1985), (7), 1311-14

CODEN: JCPRB4; ISSN: 0300-922X

DT Journal

LA English

IT 98985-66-1P

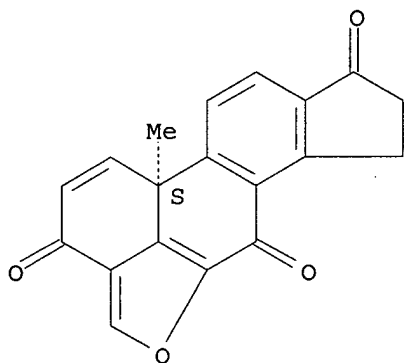
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation, catalytic hydrogenation and deuteration, hydroxylation, and

10/725,629

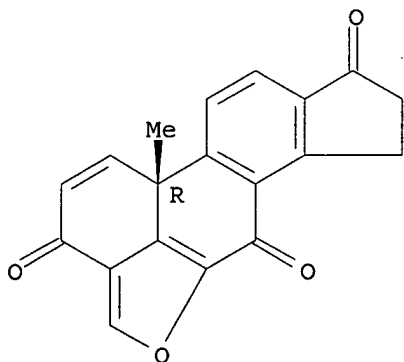
methoxylation of)
RN 98985-66-1 CAPLUS
CN Cyclopenta[7,8]phenanthro[10,1-bc]furan-3,6,9(11bH)-trione,
7,8-dihydro-11b-methyl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1983:435780 CAPLUS
DN 99:35780
TI Studies in terpenoid biosynthesis. Part 28. The acetate and mevalonate labeling patterns of the steroid, demethoxyviridin
AU Hanson, James R.; O'Leary, Margaret A.; Wadsworth, Harry J.
CS Sch. Mol. Sci., Univ. Sussex, Brighton, BN1 9QJ, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1983), (4), 867-70
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
IT 86361-93-5
RL: BIOL (Biological study)
(13C NMR spectrum of)
RN 86361-93-5 CAPLUS
CN Cyclopenta[7,8]phenanthro[10,1-bc]furan-3,6,9(11bH)-trione,
7,8-dihydro-11b-methyl-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

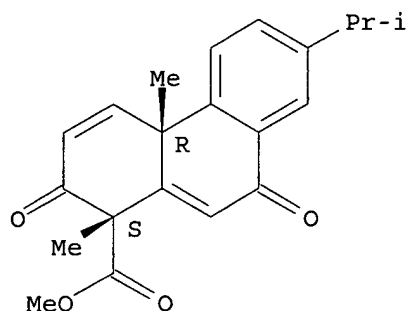


L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1976:44412 CAPLUS
DN 84:44412

10/725,629

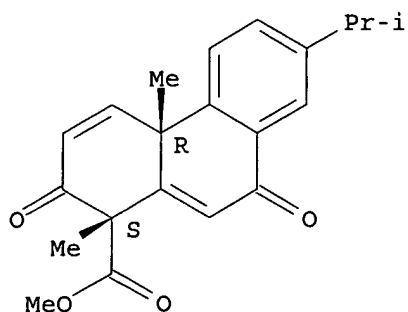
TI Diterpenoids. XXXIII. Conversion of dehydroabietic acid into a steroid skeleton. Formation of the A ring. II
AU Tahara, Akira; Harigaya, Yoshihiro; Onda, Masayuki
CS Inst. Phys. Chem. Res., Wako, Japan
SO Chemical & Pharmaceutical Bulletin (1975), 23(9), 1996-2000
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
IT **53646-45-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 53646-45-0 CAPLUS
CN 1-Phenanthrenecarboxylic acid, 1,2,4a,9-tetrahydro-1,4a-dimethyl-7-(1-methylethyl)-2,9-dioxo-, methyl ester, (1S-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



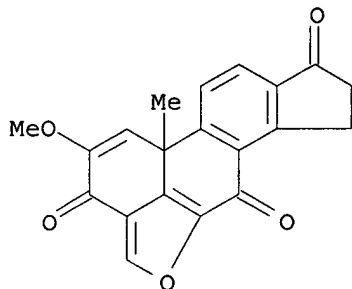
L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1974:520850 CAPLUS
DN 81:120850
TI Conversion of dehydroabietic acid into a steroid skeleton. Formation of the A ring
AU Harigaya, Yoshihiro; Onda, Masayuki; Tahara, Akira
CS Sch. Pharm. Sci., Kitasato Univ., Tokyo, Japan
SO Chemistry Letters (1974), (8), 919-22
CODEN: CMLTAG; ISSN: 0366-7022
DT Journal
LA English
IT **53646-45-0**
RL: RCT (Reactant); RACT (Reactant or reagent)
(oxidation of)
RN 53646-45-0 CAPLUS
CN 1-Phenanthrenecarboxylic acid, 1,2,4a,9-tetrahydro-1,4a-dimethyl-7-(1-methylethyl)-2,9-dioxo-, methyl ester, (1S-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



10/725,629

L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1966:84765 CAPLUS
DN 64:84765
OREF 64:15941c-d
TI Viridin. IV. Total synthesis of a tetracyclic C16 degradation product
AU Moffatt, J. S.
CS Imp. Chem. Ind. Ltd., Welwyn, UK
SO Journal of the Chemical Society [Section] C: Organic (1966), (8), 734-43
CODEN: JSOOAX; ISSN: 0022-4952
DT Journal
LA English
OS CASREACT 64:84765
IT 5707-76-6, Cyclopenta[7,8]phenanthro[10,1-bc]furan-3,6,9-(8H)-
trione, 7,11b-dihydro-2-methoxy-11b-methyl-
(preparation of)
RN 5707-76-6 CAPLUS
CN Cyclopenta[7,8]phenanthro[10,1-bc]furan-3,6,9(8H)-trione,
7,11b-dihydro-2-methoxy-11b-methyl- (7CI, 8CI) (CA INDEX NAME)



=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

27.57

189.54

STN INTERNATIONAL LOGOFF AT 16:26:49 ON 19 DEC 2005